



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 15 Jan 2008

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Checked: cjc

: C1153

DETAILS:

Data: step2b\hallc\gep_bigCal\080114a, 080115a

Below are the results from the Hall C "Big Cal" detector surveys performed on Jan 14th, and 15th 2008. The Y values are offsets from ideal beam center. The Z values are distances from the target. The yaw, pitch, and roll values are rotation angles from ideal horizontal beam line from the target to detector center.

JANUARY 14th LOCATION:

Rot. Angle: 30.778 degrees from straight ahead beam line.
Z: 11.026 m from target.
Y: 51.5 mm low.
Yaw: 0.997 deg counter clockwise looking from above.
Pitch: 0.093 deg clockwise looking from the beam right.
Roll: 0.016 deg counter clockwise looking downstream.

JANUARY 15th LOCATION:

Rot. Angle: 105.067 degrees from straight ahead beam line.
Z: 4.941 m from target.
Y: 0.44 mm low.
Yaw: 0.548 deg clockwise looking from above.
Pitch: 0.021 deg counter clockwise looking from the beam right.
Roll: 0.120 deg counter clockwise looking downstream.